

Title (en)
LIQUID CULTURE OF NEMATODES.

Title (de)
FLÜSSIGES ZÜCHTEN VON NEMATODEN.

Title (fr)
CULTURE LIQUIDE DE NEMATODES.

Publication
EP 0191066 A4 19870110 (EN)

Application
EP 85904075 A 19850814

Priority
AU PG656684 A 19840814

Abstract (en)
[origin: WO8601074A1] Entomopathogenic nematodes can be used as biological insecticides for the control of certain insect pests. To date the commercial exploitation of nematode bioinsecticides has been limited due to the inability to culture and produce the nematodes on a commercial scale. It has now been found that by carefully controlling certain parameters, entomopathogenic nematodes may be cultivated on a commercial scale, in liquid culture, in fermentors. In particular, it has been found that by minimizing shear forces and carefully controlling aeration and agitation, optimization of the growth of the nematodes and their symbiotic bacteria can be achieved.

IPC 1-7
A01K 67/00; **A01N 63/00**

IPC 8 full level
A01K 67/00 (2006.01); **A01K 67/033** (2006.01); **A01N 63/12** (2020.01)

CPC (source: EP US)
A01K 67/033 (2013.01 - EP US); **A01N 63/12** (2020.01 - EP US)

C-Set (source: EP US)
A01N 63/12 + **A01N 63/20**

Citation (search report)
• [A] DE 1900916 A1 19700820 - WESTFORM PLASTIKWERKE GMBH
• [A] JOURNAL OF ECONOMIC ENTOMOLOGY, vol. 75, no. 4, August 1982, pages 701-703, College Park, Maryland, US; C.S. CREIGHTON et al.: "Mass rearing a mermithid nematode, *Filipjevimermis leipsandra* (mermithida: mermithidae) on the banded cucumber beetle (coleoptera: chrysomelidae)
• See references of WO 8601074A1

Cited by
CN109526884A; US6735814B2

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
WO 8601074 A1 19860227; AU 4772585 A 19860307; AU 568771 B2 19880107; DE 3587119 D1 19930401; DE 3587119 T2 19930609; EP 0191066 A1 19860820; EP 0191066 A4 19870110; EP 0191066 B1 19930224; FI 85434 B 19920115; FI 85434 C 19920427; FI 861575 A0 19860414; FI 861575 A 19860414; JP S61503001 A 19861225; NZ 213105 A 19880229

DOCDB simple family (application)
AU 8500199 W 19850814; AU 4772585 A 19850814; DE 3587119 T 19850814; EP 85904075 A 19850814; FI 861575 A 19860414; JP 50370185 A 19850814; NZ 21310585 A 19850814